

VASIL'YEV, R.T.

Study of errors occurring during the observation of fixed nets
in aeromagnetometry. Prikl. geofiz. no.33:124-131 '62.

(MIRA 15:10)
(Magnetism, Terrestrial) (Aeronautics in surveying)

TOPCHIIYEV, A.V., akademik, glavnyy redaktor; PETROV, B.N., otvetstvennyy redaktor; AYZERMAN, M.A., redaktor; BARNSHTEYN, E.I., redaktor; VASIL'YEV, R.V., redaktor; IVANOV, V.I., redaktor; KARAGODIN, V.M., redaktor; KOGAN, B.Ya., redaktor; LETOV, A.M., redaktor; PORTNOV-SOKOLOV, Yu.P., redaktor; SOLODOVNIKOV, V.V., redaktor; ULANOV, G.M., redaktor; TSUPKIN, Ya.Z., redaktor; KRUTOVA, I.N., redaktor; ASTAF'YEVA, G.A., tekhnicheskii redaktor

[A session of the Academy of Sciences of the U.S.S.R. on scientific problems in automatization of production, October 15-20, 1956; principal problems of automatic control] Sessia Akademii nauk SSSR po nauchnym problemam avtomatizatsii proizvodstva, 15-20 oktiabria 1956 g.; osnovnye problemy avtomaticheskogo regulirovaniia i upravleniia. Moskva, 1957. 334 p. (MLRA 10:5)

1. Adakemiya nauk SSSR. 2. Chlen-korrespondent AN SSSR. (for Petrov)
(Automatic control)

1977, f., page 12

Information of ...
My '64.

VASIL'YEV, S.

Among military vehicle drivers. Tyl i snab. Sov. Voor. Sil
21 no.9:87-89 S '61. (MIRA 14:12)
(Automobile drivers)

GUR'YANOV, S.; VASIL'YEV, S.; BELOZEROV, A.; KIFORENKO, Ye.

A new grain elevator in the Virgin Territory. Mu~~k~~.-elev. prom.
29 no.2:5 F '63. (MIRA 16:8)

1. Direktor Adyrskogo khlebopriyemnogo punkta TSelinnogo kraya
(for Gur'yanov). 2. Sekretar' partiynoy organizatsii Adyrskogo
khlebopriyemnogo punkta TSelinnogo kraya (for Vasil'yev).
3. Predsedatel' mestnogo komiteta Adyrskogo khlebopriyemnogo punkta
TSelinnogo kraya (for Belozarov). 4. Sekretar' komsomol'skoy
organizatsii Adyrskogo khlebopriyemnogo punkta TSelinnogo kraya
(for Kiforenko).

(Adyr--Grain elevators)

VASIL'YEV, S.

Public food service during the four years of the seven-year plan.
Sov. torg. 36 no.3:3-7 Mr '63. (MIRA 16:3)
(Restaurants, lunchrooms, etc.)

GRANOVSKIY; DILL', A.; ORLOVSKIY, U.; GARIN, L.; VASIL'YEV, S.;
BUDLYANSKIYL; BALDAYEV, V.; ZAKHAROV, A.; SMETANIN, I. (Kirov);
STEPANOV (Barnaul); KHOMKA, Yuriy

News from everywhere. Sov.foto 22 no.11:44-45 N '62.

(MIRA 16:1)

1. Fotokorrespondent TASS (for Granovskiy).
(Photography)

VASIL'YEV, S. (Saratov)

Operation of horizontal two-stage clarifiers at the Saratov
water-supply station. Zhil.-kom.khoz. 9 no.6:20-21 '59.
(MIRA 12:10)

1. Glavnyy inzhener tresta "Vodokanal."
(Saratov--Water--Purification)

VASIL'YEV, S.

In conflict with life. Okhr.truda i sots.strakh. no.9:63-66
S '59. (MIRA 13:1)
(Steel industry--Hygienic aspects)

VASIL'YEV, S. EDEL'MAN, S.

"Restaurant business in the United States." Reviewed by S. Vasil'ev,
S. Edel'man. Sov.torg. no.8:53 Ag '57. (MLRA 10:8)
(United States--Restaurants, Lunchrooms, etc.)

VASIL'YEV, S.

With a cheetah. Vokrug sveta no.7:44-45 J1'55. (MIRA 8:10)
(Cheetahs)

VASIL'YEV, S., predsedatel'.

General meetings are an important medium of communist education.
Sov. profsoiuzy 1 no.1:70-74 S '53. (MLRA 6:12)

1. Moskovskiy oblastnyy sovetskiy professional'nykh profsoyuzov.
(Trade unions)

VASIL'YEV, S.

2

Poisoning of platinum on platinumized charcoal. S. Vasil'ev and I. Frankin. *J. Phys. Chem.* 41: 558-561, 1937. Poisoning by HgCl₂ in stages indicated various active centers for various adsorption reactions. I. H. Rathmann

ASD 554 DETAILING LITERATURE CLASSIFICATION

USSR/Electronics - Radio Receivers

Card 1/1

Authors : Vasil'ev, S.; Ginzburg, M.

Title : The "Moskvich-3" Radio-Receiver

Periodical : Radio, 3, 23 - 25, Mar, 1954

Abstract : A radio-receiving set designed and constructed by the Ministry of Local and Fuel Industry is described. This is a five-tube super-heterodyne set with two frequency bands (150-415 kc, and 520-1600 kc). Photographs, a circuit diagram and a list of coils used in the instrument are included.

Institution :

Submitted :

VTS/274-0
VASIL'YEV, S. (Verkhnyaya Salda)

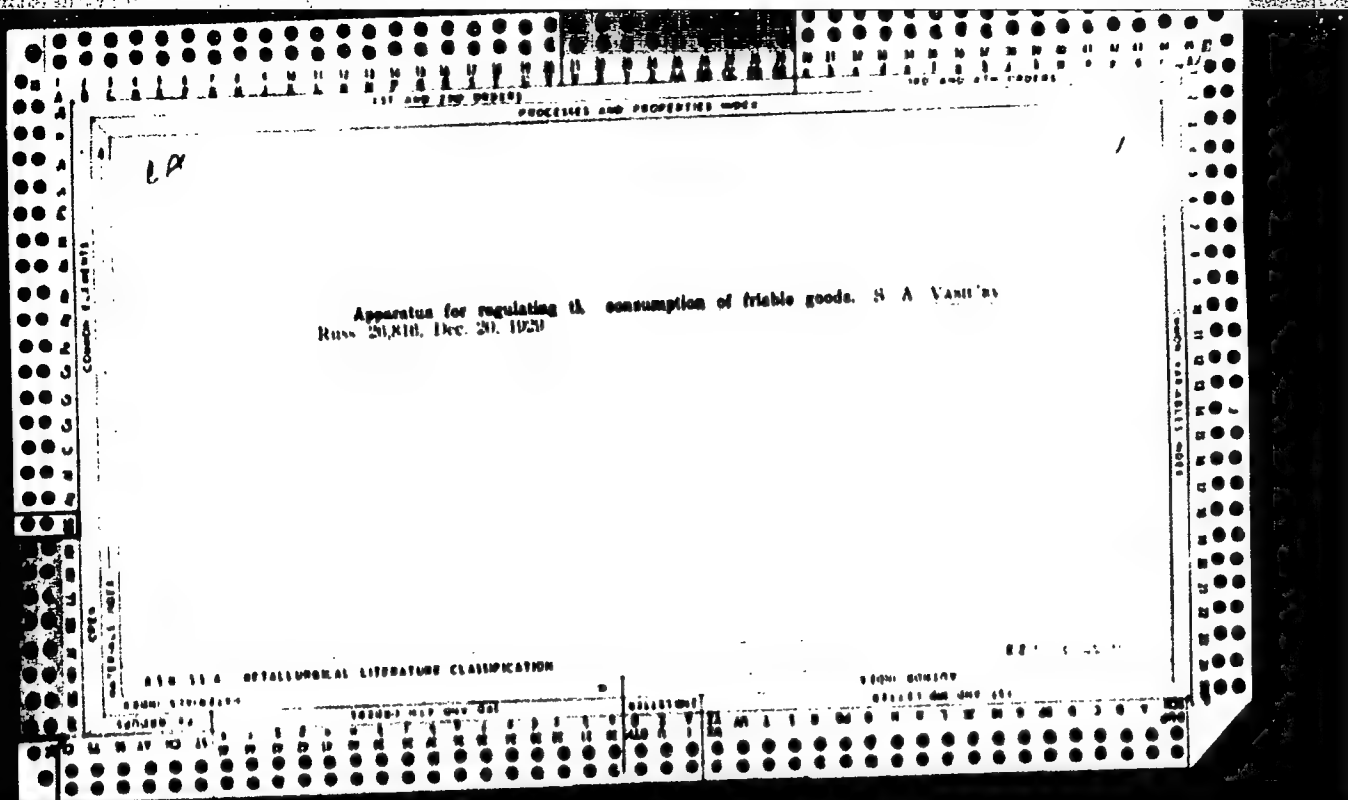
The best in the province. Za rul. 16 no.1:5 Ja '58. (MIRA 11:1)
(Sverdlovsk Province--Automobile drivers)

VASIL^YEV, S., kand.ekonom.nauk, dotsent

Principles in planning public food service. Obshchest.pit.
no.3:37-39, 44 Mr '62. (MIRA 15:4)
(Restaurants, lunchrooms, etc.)

VASIL'YEV, S., podpolkovnik

Communications in a tank battalion. Voenn. vest. 41 no.4:
34-36 Ap '62. (MIRA 15:4)
(Communications, Military) (Tanks (Military science))



1. VASIL'YEV, S. A.
2. USSR (600)
4. Seed Industry
7. Present condition and prospects for cleaning and sorting grain and seed in farming, Sel'khoz mashina, No. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

VA-111 . . .

Machinery for seed cleaning and grading
Moskva, Mashgiz, 1954. 99 p. (V pomoshch'kolkhoznikam, rabotikam MTS i sovkhovov)

1. Seeds.
2. Agricultural machinery.

VASIL'YEV, S.A., kandidat tekhnicheskikh nauk; KHAPANTSEV, I.V., inzhener

New OV-10 grain cleaning machine. Sel'khoz mashina no.8:3-6 Ag'55.
(MLRA 8:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyayst-
vennogo mashinostroyeniya
(Grain--Cleaning) (Agricultural machinery)

VASIL'YEV, S.A.

Principles of the process of grain sizing. Trakt. i sel'khoz mash.
no.4:37-42 Ap '58. (MIRA 11:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokho-
zyaystvennogo mashinostroyeniya.
(Grain—Grading)

VASIL'YEV, S. A.

S. A. Vasil'yev, V. A. Godlevskiy, L. M. Gol'shtein, M. F. Lutor and
O. A. Sobolev - "Method of Determining the Number of a Calling Subscriber and a
Device for Achieving it."

Authors' Certificates, Elektrosvyaz', 1958, No. 7, pp 77.

VASIL'YEV, S.A.

Factors affecting processes of screening seeds. Trakt. 1
sel'khozmas. 8:27-28 Ag '58. (MIRA 11:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystven-
nogo mashinostroyeniya.
(Seeds--Cleaning)

VASIL'YEV, Semen Afanas'yevich

"The Separation of Seeds of Agricultural Crops in Sieves":

dissertation for the degree of Doctor of Technical Sciences
(awarded by the Timiryazev Agricultural Academy, 1962)

(Izvestiya Timiryazevskoy Sel'skokhozyaystvennoy Akademii, Moscow, No. 2,
1963, pp 232-236)

YERIN, V.V.; VASIL'YEV, S.A.

Participation of veterinary specialists of Gorkiy Province in
the struggle for increased output of livestock products.
Veterinariia 37 no.10:19-21 0 '60. (MIRA 15:4)

1. Nachal'nik veterinarnogo otdela Gor'kovskogo oblastnogo
sel'skokhozyaystvennogo upravleniya (for Yerin). 2. Glavnyy
veterinarnyy vrach Veterinarnogo otdela Gor'kovskogo
oblastnogo sel'skokhozyaystvennogo upravleniya (for Vasil'yev).
(Gorkiy Province--Stock and stockbreeding)

PONOMAREV, O.P.; VASIL'YEV, S.A., inzh., red.; BRIL', E.P., red.;
KOGAN, F.L., tekhn. red.; KOLONIN, R.I., tekhn. red.

[Modern fuel-feed systems for diesel engines for trucks and
tractors; review] Sovremennaya toplivopodaiushchaya apparatu-
ra avtotraktornykh dizelei; obzor. Pod red. S.A. Vasil'eva.
Moskva, TSentr. in-t nauchno-tekhn. informatsii mashinostroeniya,
1961. 98 p. (MIRA 15:9)

(Diesel engines--Fuel systems) (Tractors) (Motortrucks)

VASIL'YEV, S.A.

Future development of mechanization in the postharvest treatment of grain and preparation of planting material. Trakt. i sel'khoz mash. 31 no.12:20-22 D '61. (MIRA 15:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo mashinostroyeniya.
(Grain handling machinery) (Grain--Grading)

VASIL'YEV, S.A.

Constant factors in the process of sizing seeds in cylindrical separators. Trakt.i sel'khoz mash. 31 no.8:35-38 Ag '61.

(MIRA 14:7)

(Seeds—Grading)

VASIL'YEV, S. A. and YERIN, V. V.

APPROVED FOR RELEASE 08/31/2001
Participation of Veterinarians in the Gorki district in the struggle for the rise of animal products.

CIA-RDP86-00513R001858910018-0

Veterinariya, Vol. 37, No. 10, 1960, p. 19

Vasil'yev. Chief Vet. Dr., Vet. Section, Gorkiy Oblast Agric. Service

GRUM-GRZHIMAYLO, Sergey Vladimirovich; KAZAKOV, N.I., inzh., retsenzent;
VASIL'YEV, S.A., inzh., red.; SOKOLOVA, T.F., tekhn.red.

[Analysis and principles of design of transmission elements]
Raschet i osnovy konstruirovaniia elementov privodov. Moskva,
Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1958. 335 p.
(Gearing) (MIRA 12:2)

VASIL'YEV - Y
VASSILJEV, Sergius A.

Transportation problems of the USSR. (In Russian Economic Institute. U. S. S. R. economy and the war. New York, 1943, p. 93-105, map). Waterways and Railroads in the Far East (p.94). Waterways in European Russia (p.98). Highways (p.99) A Northern System (p. 101).

DLC: HC335.R963

Der Verkehr der UdSSSR. [Transport in the U.S.S.R.]. Red. S. S. Balzk, W.F.Wasjutin and J. C.Fejgin. Uebersetzt von H. Pridik, Berlin, Selbstverlag der Publikationsstelle, 1944- v.1 maps. (Aus Wirtschaftsgeographie der UdSSSR, v. 21).

DLC: HC331.W5

Ves' transport S.S.S.R. [All transport of the U.S.S.R.]. [Moskva], Gudok, [1927- v.(1) illus., diagrs.

DLC: HE255.V4

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington 1952. Unclassified.

VASIL'YEV, S. A.

PA 7/49T47

USSR/Communications
Telephones - Circuits
Telephone Terminals

Sep 48

"A New Intercity Telephone Station Equipped With
Combined Circuit Systems," S. A. Vasil'yev, Engr,
2 3/4 pp

"Vest Svyazi - Elektrosvyaz'" No 9 (102)

Describes exchange designed by Cen Sci Res Inst of
Communications. Includes circuit diagram, and
photographs.

7/49T47

VASIL'YEV, S. A.

SLABOPROUDY OBZOR (Weak Current/Telecommunication/Review, Czechoslovakia)
Vol 15, No. 11, November, 1954

Comments on the paper "Co-operation between research and industry," ..

S. Novak, (1954, No. 6, p. 293)

By J. Rada

.....544

A. A. Ivanova, S. A. Vasil'ev and A. F. Falunin

"A high-speed system for use on inter-town telephone links", 32 pages,
Moscow, 1952.

.....505-508

Book "Introduction into automatics and telemechanics"

By B. I. Domanskii (Translated from Russian), 412 pages 325 figures,

6 tables, 1954. University textbook.

Reviewed by M. Salamon

.....541-542

YASIL'YEV, S.A.; GUROV, V.S.; DAVYDOV, G.B.; ZARIN, S.A.; ZAYONCHKOVSKIY,
Ye.A.; IL'INA, L.D.; KIRILLOV, Ye.V.; LISHAY, K.P.; MIL'VSKIY,
Yu.S.; MIKHAYLOV, M.I.; NIKOL'SKIY, K.K.; PUKHAL'SKIY, A.Ch.;
PUKHAL'SKAYA, N.N.; RABINOVICH, M.B.; SHVEDSKIY, S.A.; KONDRASHINA, N.M., red.; KARABILOVA, S.F., tekhn.red.

[Recommendations of international consultative committees on
telephony and telegraphy] Rekomendatsii mezhdunarodnykh konsul'-
tativnykh komitetov po telefonii i telegrafii. Moskva, Gos.izd-vo
lit-ry po voprosam svyazi i radio, 1959. 335 p. (MIRA 13:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut svyazi Ministerstva svyazi SSSR (for all except Kondrashina, Karabilova).
(Telephone) (Telegraph)

USSR

The coating of steel articles in connection with the penetration of water vapor, carbonic acid, and hydrogen sulfide through layers of spindle oil.

The rusting of steel articles in connection with the penetration of water vapor, sulfuric anhydride, and hydrogen sulfide through layers of spindle oil. V. Y. Skochel'ev and S. D. Vashley. *Zhur Priklad Khim.* 26, 1033-4 (1953).—Rusting of steel under a layer of spindle oil can occur as a result of penetration of water vapor, H_2S , and SO_2 since measurable rates of diffusion through the oil layer were shown. An insignificant protective action shown by all oils is explained by the difficulty of forming a film of electrolyte under such conditions. V. M. Bednarski

VASIL'EV, S. D.

Motion picture montage, Leningrad, 'Tea-kino-pechat', 1929. 96 p.

PROCESSES AND PROPERTIES INDEX

Experiments with the Dubrovai cracking unit. S. F. Vasil'ev. *Neftevaiz. Kaza* 1938, No. 10, 16-20, cf. C. A. 32, 4762^a. In the vapor-phase oxidative cracking with recycle (ratio of raw material to condensate 3:2), the temp. at the exit of the furnace was 460-70° and in the producer (cracking furnace) 830°. One ton of oil vapors required 255 cu. m. of air. The balance of the process was: raw material (gas oil) used 109, obtained cracked distillate with an end point of 220° 55.65, cracked residue 20-15, gas, combustion and losses 25.21%. The cracked distillate had an octane no. of more than 76 and coke and carbon black were absent, the fuel consumption amounting to 5.0%. The cracked distillate is treated with alkali and Zn Cl₂ on pumice stone in the vapor phase. The gasoline was composed of unsatd. compds. 57-69, aromatic compds. 21.22.5, naphthenes 11-17 and paraffins 0-0.7%, its compn. after refining by hydrogenation was unsatd. compds. 4, aromatic compds. 21, naphthenes 55 and paraffins 17%. The refined gasoline had octane no. 81 (end point 175°). The naphtha fraction has octane no. 75 (other characteristics are tabulated). The cracked residue resembles the raw material with a pour point of 20°. Steam-distn. yields 80-90% of an oil fraction b. below 270°. The residue is a good asphalt. The cracked gases are composed of unsatd. compds. 15-20, satd. hydrocarbons 8-15, 11.2.8, CO 2-8 and CO₂ 0.5-5%. The alkali sludge obtained in the preliminary treatment of the cracked distillate contains products of condensation of phenols and aldehydes 30.5, phenols 13, heavy phenolic products 31.5 and org. acids 4.2%. A. A. Bochtinsk

METALLURGICAL LITERATURE CLASSIFICATION

The vapor phase oxidation cracking of the Dubrovai system. K. Dubrovai and S. Vasilev. *Novosti Tekhniki*, 1939, No. 13-14, 457. Raw material was heated to 450°, and its vapor was passed into the reaction chamber where it was mixed with the air. Oxidation occurred with an evolution of temp. and caused decompn., dehydrogenation and aromatization. Cracking was effected in a generation and aromatization. The cracked gasoline-chamber lined with refractory bricks. Preceding abstr.). Gasoline was refined with ZnCl₂ (cf. preceding abstr.). The following balance of the process is given: raw material 100%; gasoline b. up to 170° 84, lignin 14.4; terial 100%; gasoline b. up to 170° 84, lignin 14.4; re-cracking residue 20-15, polymers after the ZnCl₂; refining 8.6, gas 15-20 and combustion and loss 8%. The aromatic gasoline contained unsatd. compds. 57-60%, aromatic compds. 21-22.5, paraffin 0.9 and naphthenes 11-17% and had octane no. 81. The lignin had octane no. 78, and had octane no. 81. The lignin had 1.0 mg. of tar per induction period 8 hrs. and contained 1.0 mg. of tar per 100 cc. It did not freeze at -10°. The gas contained unsatd. compds. 15-20, satd. compds. 8-15, water 2-8, A. A. Bulgakov.

CASABIAN AND COOPER
PROCESSING OF CRACKERS

Formation of aldehydes, phenols, acids and resins in oxidation cracking. S. Vasil'ev and K. Ginzburg. *Vysokii Tekhniki* 1960, No. 2, 28-9. The oxygenated compounds, such as aldehydes, acids, phenols and resins obtained in the cracking of crude oil by the Duhovnov process were investigated. The crude oil was cracked for 80 sec. at 530° with an air stream of 205 cu. m. per ton of oil vapors. The distillate had an initial b. p. of 40° and an end point of 210-220°. The distillate was treated with alkali of 20-25% Bé, and the residue was acidified. The org. portion was sep'd. into condensation products of aldehydes and phenols 36.5, phenols 13.0, heavy phenol products 30.5 and org. acids 4.2%. Lowers amounted to 9.8%. Of the simple phenols 3% was PhOH, 4.4% cresol and 5.6% xylenol. The heavy phenolic products were a brittle mixt. which jellifies at 200°. The org. acids consist of a mixt. of simple aliphatic acids and alkylic acids. The alk. resins are being used in the prepn. of resins.

B. Z. Kamich

ASB.SLA METALLURGICAL LITERATURE CLASSIFICATION

22

Waste products of the oxidation cracking as raw materials in the organic chemical industry. S. V. Vasil'ev and G. I. Ginzburg. *Org. Chem. Ind. (U. S. S. R.)* 1953 5(1940).—In the neutralization of distillate of vapor-phase cracking of gas oil and similar products with atm. (1) the alk. ext. consists of 13% phenols, contg. PhOH, cresols and xylenols; 36.5% phenolic products of unknown compn., m. about 200°; 36.5% of products sol. in CHCl₃ (probably condensation products of phenols and aldehydes), and 4.2% org. acids, contg. butyric, isovaleric and caproic acids. Chas. Blanc

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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VASIL'YEV, S. P. (S. P.)

2340. EXPERIMENTAL REALIZATION OF OXIDATION CRACKING PROCESS ON AN INDUSTRIAL SCALE. Vasil'ev, S. P. (Neftyanoe Khoz., 1946, 24, No. 9/10, 46-51; Chem. Abstr., 1947, 41, 7717). A plant of 100-ton daily capacity to produce aviation fuel by cracking gas oil with injection of oxygen, was built in 1936 and served over a period of 4 years for the exptl study of the process. The great amount of carbon formed in the cracking chamber could not be removed by the wash tower or by means of filter presses. By redesigning the nozzles, carbon formation was eliminated, CO₂ in the gases dropped to 0.5 - 0.8%, and the oxygenated compds in the cracked distillate reached 4%. Regardless of the nature of the feed stock, the gasoline obtained at 530-40° contains 20-30% of aromatic compds; this probably could be raised to 50-60% by using higher temps. or reocracking.

C.A.

CA

Oxidative reforming of gasoline of the Tulumzin Do-
vonian petroleum. S. E. Yamil'ev and V. R. Glushnev.
Izvest. Akad. Nauk S.S.S.R., *Okol. Tekh. Nauk* 1947,
825-8; cf. C.A. 41, 7717k. — Oxidative reforming of high-S
Devonian crude oil was found to give good yields without
treveling, operated at approx. atm. pressure with low coke
formation in the reaction zone, and yielded a product with
low S and relatively high aromatic content. The crude oil
was treated in a lab. app. processing 0.5 kg/hr by heat-
ing to 450-500°, mixing with O₂ with or without heated
steam, heating the mixt. to 500-600°, and sepg. the cracked
products. The liquid products were rectified and the
distillate was worked up with 5% NaOH soln. for sepg.
of O compounds and part of the S. Further elimination of S
was effected by catalytic treatment in the vapor phase by
solid ZnCl₂. In a typical expt. the following data were ob-
tained on (1) gasoline from straight distn. of Devonian
crude oil, (2) the lower-boiling fraction from oxidative
reforming, further purified with ZnCl₂, and (3) the higher-
boiling fraction (motor gasoline) from oxidative reform-
ing, resp.: yield, wt.%, of crude oil, 26, 50.3, 60.5; sp.
gr., 0.720, 0.734, 0.743; initial b.p., 65, 62, 47°; 50°
b.p., 130, 113, 120°; end b.p., 212, 160, 105°; S%,
0.078, 0.000, 0.028; unsat. compo. %: 1.08, 10.72,
14.61; aromatics %: 18.12, 22.00, 23.64; naphthenes %:
20.7, 10.80, 20.45; paraffins %: 59.2, 43.82, 41.10;
octane no.: pure, 40.0, 65.2, 64; with 1 ml. PbEt₂,
50.6, —, 70.4; with 2 ml. PbEt₂, 61.1, —, 80.5; with
4 ml. PbEt₂, —, 85.8, —. In this expt. 24.6% (based on
crude oil) of gas was produced, consisting of 37% unsatd.
hydrocarbons.

1470. CATALYTIC DESULPHURISATION OF REFORMED BENZENE WITH PHOSPHORIC ACID AND ZINC CHLORIDE. Glushnyev, V. E. and Vassilyev, S. F. (Izvestiya Acad. Nauk U.S.S.R., 1947, (7), 829-833). Comparative tests on the desulphurisation of reformed benzene in the vapour phase with phosphoric acid, zinc chloride, activated carbon and in the liquid phase with sulphuric acid have shown best results with phosphoric acid and zinc chloride on activated carbon, the octane number being raised from 64.6 to 74.

VASIL'EV, S. F.

S.F. Vasil'ev and V.E. Glushnev. Oils for aling oscillographs. P. 1270

Institute of Oil,
Acad. of Sci., USSR

SO: Factory Laboratory, No. 10, 1950

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858910018-0

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858910018-0"

✓ 1990. ORGANIC OXYGEN COMPOUNDS FORMED IN THE PROCESS OF VAPOR PHASE
ALUMINUM CRACKING. PART 2. SEPARATE AND JOINT PRODUCTS OF REACTION VAS 8
ALUMINUM CRACKING. PART 2. SEPARATE AND JOINT PRODUCTS OF REACTION VAS 8

USSR/~~Chemical~~ Technology - *VASIL'YEV, S. F.*
Chemical Products and Their Application. Treatment of
Natural Gases and Petroleum. Motor Fuels. Lubricants,
I-13

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62580

Author: Torgashina, Z. I., Vasil'yev, S. F.

Institution: None

Title: Investigation of Upper Cut Obtained on Low Temperature Oxidation of
Kerosene

Original
Periodical: Nauk. zap. Chernivets'k. un-tu, 1955, 11, 85-90; Ukrainian; Russian
resumé

Abstract: Investigation of upper cut obtained in an amount of 40% on oxidation
of Krasnodar kerosene with air oxygen at 150-160°, has revealed the
presence therein of carbonyl and carboxyl derivatives of fatty and
aromatic series (up to 2.5%). Isolated and identified were: octane-
carboxylic ($C_8H_{18}O_2$) and phenyl methyl acetic ($C_9H_{10}O_2$) acids, and
the aldehydes dimethyloctenal and dodecanal. After separation from

ard 2/2

Card 1/2

VASIL'YEV, S.F. (Krivoy Rog 54, ul. Gruni Romanovoy, d.12, kv.68)

Directed antibiotic treatment in open fractures of the small tubular bones of the foot and hand. Ortop., travm. i protez. 26 no.2:58-60
F '65. (MIRA 18:5)

1. Iz ortopedo-travmatologicheskogo otdeleniya (zav. - P.V.Lomakin)
11-y gorodskoy bol'nitsy Krivogo Roga (glavnyy vrach V.G.Podtynchenko).

DAVTYAN, N.A.; VASIL'YEV, S.F.

Investigating the liquid products of the oxidation pyrolysis of
low-octane gasoline. Neftteper. i neftekhim. no.7:27-29 '64.

(MIRA 17:11)

1. Institut goryuchikh iskopayemykh AN SSSR.

VASIL'YEV, S.F.; AGAFONOV, A.V.

Obtaining high-octane gasolines. Nefteper. i neftekhim. no.
11:3-6 '63. (MIRA 17:5)

1. Institut goryuchikh iskopayemykh AN SSSR i Vsesoyuznyy
nauchno-issledovatel'skiy institut po pererabotke nefi i
gaza i polucheniyu iskusstvennogo zhidkogo topliva.

DAVYDOV, V.P.; SEMENOV, L.V.; VASIL'YEV, S.F.

Oxidizing pyrolysis of gasolines. Nefteper. i neftekhim. no.10:23-
26 '63. (MIRA 17:2)

1. Institut goryuchikh iskopayemykh AN SSSR.

VASIL'YEV, S.F.; LAPIDES, N.A.; MOSIN, A.M.

High-temperature flameless oxidation of hydrocarbons as a means
of obtaining olefinic monomers. Khim.i tekhn.topl.i masel 8
no.2:10-14 F '63. (MIRA 16:10)

1. Institut goryuchikh iskopayemykh Gosudarstvennogo komiteta
Soveta Ministrov SSSR po toplivnoy promyshlennosti.

VASIL'YEV, S.F.; MOSIN, A.M.

Certain indices for the design of oxidative pyrolysis units. Trudy
IGI 16:73-82 '61. (MIRA 16:7)

(Hydrocarbons) (Pyrolysis)

VASIL'YEV, S.F.; LAVROV, N.V.; LAPIDES, N.A.

Oxidative pyrolysis of butane. Trudy IGI 16:59-65 '61. (MIRA 16:7)
(Butane) (Oxidation) (Pyrolysis)

VASIL'YEV, S.F.; MOSIN, A.M.

Mixing of hydrocarbons and oxygen heated to high temperatures in the process of oxidative pyrolysis. Trudy IGI 16:66-72 '61.

(MIRA 16:7)

(Hydrocarbons) (Oxygen) (Pyrolysis)

ARTYUKHOV, I.M., DINER, I.S., VASIL'YEV, S.F., LAPIDES, A.A., MOSIN, A.M.

Production of olefins by pyrolysis of petroleum products.

Report presented at the 12th Conference on high molecular weight compounds devoted to monomers, Baku, 3-7 April 62

ARTEM'YEV, A.I., nauchnyy sotrudnik; BUL'VAROVA, Z.I. nauchnyy sotrudnik;
VASIL'YEV, S.F., nauchnyy sotrudnik; NIKITINA, L.I., nauchnyy sotrudnik

Answers to questions on the preparation of medicinal forms presenting
difficulties and incompatibilities in compounding. Apt. delo 11 no.1:
92-95 Ja-F '62. (MIRA 15:4)

1. Laboratoriya tekhnologii lekarstvennykh form i galenovykh preparatov
TSentral'nogo nauchno-issledovatel'skogo aptechnogo instituta.
(INCOMPATIBLES (PHARMACY))

34416
S/081/62/000/002/089/107
B157/3110

5.33 00

AUTHORS: Vasil'yev, S. F., Lavrov, N. V.

TITLE: Oxidation pyrolysis of gaseous and liquid hydrocarbons for obtaining unsaturated and aromatic monomers for chemical synthesis

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 494, abstract 2M283 (Sb. "Ispol'zovaniye goryuchikh gazov v nar. kh-ve". M., AN SSSR, 1961, 141 - 149)

TEXT: The results are given of an investigation into the oxidation pyrolysis of C_2H_6 and C_3H_8 in C_2H_4 and C_3H_6 in large laboratory once-through plant at near-atmospheric pressure. In the oxidation pyrolysis of C_2H_6 and C_3H_8 , 70% by weight C_2H_4 is obtained, and 43.2% C_2H_4 and 14.5% C_3H_6 by weight, respectively. It was shown that the oxidation pyrolysis of gaseous and liquid hydrocarbons has certain technical and economic advantages over the thermal pyrolysis of these hydrocarbons. A sketch is given of the plant. [Abstracter's note: Complete translation]

Card 1/1

S/081/62/000/004/065/087
B150/B138

AUTHORS: Vasil'yev, S. F., Lapides, N. A.

TITLE: Production of ethylene and propylene by the acidifying
pyrolysis of butane

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 4, 1962, 477, abstract
4M133 (Novosti nef. i gaz. tekhn. Neftepererabotka i nefte-
khimiya, no. 4, 1961, 22-25)

TEXT: Experiments on the oxidizing pyrolysis of 99.8% $n\text{-C}_4\text{H}_{10}$ were con-
ducted on a large-scale laboratory apparatus under optimum conditions for
the process: - temperature 820° and duration of contact 0.5 sec. The degree
of conversion under these conditions is 95%, with a yield of unsaturated
hydrocarbons amounting to 53% by wt. (37.2% C_2H_4 and 15.8% C_3H_6). The
process has considerable technical and economic advantages in comparison
with that of thermal pyrolysis. A diagram of the apparatus for the oxidiz-
ing pyrolysis is given. [Abstracter's note: Complete translation.]

Card 1/1

VASIL'YEV, S.F.; MOSIN, A.M.; LAPIDES, N.A.; Prinimali uchastiye: MISHENKO,
M.L.; OSTROVSKAYA, L.V.; FOMICHEV, V.F.; GUBBOTINA, G.V.; SHVEDOVA,
L.M.

Oxidative pyrolysis of lower hydrocarbons. Khim.prom. no.4:238-243
Ap '61. (MIRA 14:4)

1. Institut goryuchikh iskopayemykh AN SSSR.
(Hydrocarbons) (Oxidation)

SOV/81-59-16-58504

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, p 410 (USSR)

AUTHOR: Vasil'yev, S.F.

TITLE: The Use of Oxygen in Pyrogenic Installations

PERIODICAL: Novosti neft. tekhn. Neftepererabotka, 1958, Nr 9, pp 9-10

ABSTRACT: The process of oxidation pyrolysis is described which consists in feeding a steam-oxygen mixture at the entrance of the reactor into the vapors of the raw material (pyrolytic kerosene with the boiling point limits of 207 - 360°C) which have been heated to 450 - 500°C; the obtained liquid products consist of 100% of aromatic and unsaturated hydrocarbons. Oxidation pyrolysis permits the increase of the yield of gaseous unsaturated and aromatic hydrocarbons and the raising of the productivity of the installation.

G. Margolina.

Card 1/1

VASIL'YEV, S.F., kand.tekhn.nauk

Obtaining gas, motor fuel, and chemical products from peat. Torf.
prom. 35 no.5:9-14 '58. (MIRA 11:10)

1. Institut goryuchikh iskopayemykh AN SSSR.
(Peat industry--By-products)

VASIL'YEV, S. F., LAVROV, N. V.

Oxidation pyrolysis of ethane and propane for the production of
ethylene. Gas.prom. 5 no.4:33-37 Ap '60. (MIRA 13:8)
(Ethylene) (Ethane) (Propane)

VASTUYEV, Sergei Fedorovich, 1898 , tr

Cosmogony Eaku, Izd. Azerbaidzhanskogo gos. nauchno-issledovatel'skogo instituta, 1930. 152 p.

VASIL'YEV, S.G., inzhener.

Making reinforced concrete platform sections under field conditions.
Transp. stroi. 7 no.1:16-17 Ja '57. (MIRA 10:3)
(Railroads--Stations)

VASIL'YEV, S.G., mashinist

It is advisable to install pantograph disconnectors on VL22^m
electric locomotives also. Elek.i tepl.tiaga 5 no.11:46 N '61.
(MIRA 14:11)

1. Depo Kinel' Kuybyshevskoy dorogi.
(Electric locomotives)

VASIL'EV, S.G., inzh.

Ways of increasing the capacity of machinery for installing
supports for overhead contact systems. Transp. stroi. 15

no.2:50-51 F '65.

(MIRA 12:3)

25-4-11/34

SUBJECT: VASILYEV, S I USSR/Housekeeping - Simplified

AUTHOR: Vasilyev, S.I., Engineer

TITLE: Science's Contribution to Everyday Life (Nauka-Bytu)

PERIODICAL: Nauka i Zhizn', April 1957, # 4, pp 21-24 (USSR)

ABSTRACT: This article deals with technical devices intended to simplify the daily chores of the housewife. The author points out how many things still are to be constructed to modernize individual households in the USSR. Science is busy finding new ways.

A short story follows with a view of giving the reader an idea of an imaginary household that is fully mechanized.

This article contains seven illustrations.

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress.

Card 1/1

VASILYEV, S. I.

Germany, Eastern - Education, Higher

School of higher education in the German Democratic Republic. Sov. pedagog. 16 no. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 195²₃, Uncl.

ACC NR: AR6018977

SOURCE CODE: UR/0271/66/000/002/B051/B051

AUTHOR: Vasil'yev, S. I.

TITLE: Analysis of noiseproofness in ferrite core transistorized components

SOURCE: Ref. zh. Avtomat telemekh i vychisl tekhn, Abs. 2B365

REF SOURCE: Tr. Mosk. energ. in-ta, vyp. 60, 1965, 47-73

TOPIC TAGS: magnetic core, ferrite

TRANSLATION: The noiseproofness of a component is defined as the capacity to store 0 and 1 reliably, and to transmit 0. The most objective criterion for reliable transmission is the transfer characteristic; the analysis of this characteristic with respect to marginal components and conditions makes the determination of a stable operating zone possible. To derive an analytic expression for the value of the transfer characteristic, the features of the amplifier are analyzed, since the latter operates in a nonlinear mode in the driving loop of the unit. The pulse switching of the core's magnetic state (rectangular hysteresis loop) are analyzed for discrete cycles and expressions are derived defining the initial portion of the transfer characteristic. The effect of the transistor's dynamic parameters on the stability of the unit is investigated. 22 figures, 8 references. N. S.

SUB CODE: 09

UDC: 681.142.67:621.382

Card 1/1

VASIL'YEV, S. M.		17	
CA			
<p>Molecular compounds or waste streptococci (sulfamamide) and hexamethylenetetramine: Strepturin. P. I. Astrakhansev and S. M. Vasil'ev. <i>Farmatsiya</i> 1940, No. 9-10, 24-8. When a hot soln. of 1.73 g. $H_2NC_6H_4SO_2NH_2$ in 40 cc. EtOH is mixed with a soln. of 1.4 g. hexamethylenetetramine in 20 cc. EtOH and the mixt. is cooled to $1/3$ its vol. a cryst. addn. compd. (mol. ratio 1:1) is obtained. It forms lustrous crystals which soften at 100° and sinter, with much swelling, at higher temps. The compd., called Strepturin, is effective against streptococci.</p> <p>Julian F. Smith</p>			
<p>ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>COMMON ELEMENTS</p>			
<p>COMMON VARIANTS</p>			

COMMON ELEMENTS										COMMON VARIABLES									
<p>VASIL'YEV S. M.</p> <p>CA</p>										<p>1</p>									
<p>Abstract apparatus. S. M. Vasil'ev. U.S.S.R. 65,076 Aug. 21, 1948. The apparatus is suitable for catalytic oxida- tion, e.g., of alc. to CH_3O. It has a capacity of 19-20 tons of 40% CH_3O per 24 hrs. M. Hovh</p>																			
<p>ASS-3LA METALLURGICAL LITERATURE CLASSIFICATION</p>										<p>RESEARCH</p>									
<p>140800 02</p>										<p>140800 02</p>									
<p>140800 02</p>										<p>140800 02</p>									

VASIL'YEV, S.M., vrach-okulist

Case of complete cure of thrombosis of the central retinal vein.
Oft.zhur. 14 no.6:371-372 '59. (MIRA 13:4)

1. Iz statsionara glaznogo otdeleniya (zav. - S.M. Vasil'yev)
Sochinskoy ob'yedinennoy bol'nitsy No.2.
(THROMBOSIS) (RETINA--BLOOD SUPPLY)

VASIL'YEV, S.M. (L'vov).

Squares of integers and finding their square roots. Mat.v shkole
no.2:27-30 Mr-Apr '54. (MLRA 7:3)

(Algebra--Study and teaching)

PIROGOV, A.A.; LEVE, Ye.N.; KRASS, Ya.R.; SHAMIL', Yu.P.; KUFANOV, V.V.;
VASIL'YEV, S.N.; REZCHIK, V.G.

Testing unfired molded, brick made of magnesite concrete
in electric arc furnace walls. Stal' 24 no.8:710-711 Ag '64.
(MIHA 17:9)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporev i
zavod "Dneprospetsstal'".

ARGUNOV, I.A., red.; VASIL'YEV, S.N., red.; KORYAKIN, P.I., red.; KROTOV,
M.A., red.; LUKONIN, G.A., red.; TOMSKIY, S.K., red.; CHERSKIY,
N.V., red.; CHIRYAYEV, G.O., red.; SOLOV'YEVA, Ye.P., tekhn.red.

[Forty years of the Yakut A.S.S.R.] 40 let Iakutskoi ASSR.
Iakutsk, Iakutskoe knizhnoe izd-vo, 1962. 189 p.

(MIRA 16:1)

(Yakutia—Economic conditions)

(Yakutia—Culture)

1773 15 4-4 0 17
VASIL'YEV, S.N.

The installation of plumbing equipment and fittings in brick
walls and concrete floors without the use of dowels. Vod. 1
san.tekh. no.9:32 S '57. (MIRA 10:11)

(Plumbing)

Vasil'Yev, S.N.

VASIL'YEV, S.N.; KHOTKEVICH, S.G.

Progress in the installation of sanitary engineering systems.
Vod. i san. tekhn. no.11:7-14 N '57. (MIRA 10:12)
(Sanitary engineering)

VASIL'YEV, S. P.

42108 VASIL'YEV, S. P., BLOKH, I. I. - geofizicheskiye issledovaniya na ugol'nykh mestorozhdeniyakh zapadnykh rayonov SSSR. Trudy Geol. issled. byuro (k-vo ugovno' prom-sizai. r-nov S.S.S.R. Geol-razvedon-upr) vych 4, 1948, s. 11-16.

SO: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948.

VASIL'YEV, S. P.

PA 69160

USSR/Geological Prospecting
Coal

1948

"Jurassic Coal Deposits of the Central Oblasts of the
Russian Platform," S. P. Vasil'yev, 4 pp

"Sovet Geolog" No 28

History of studies conducted on coal deposits of
Jurassic layers of Russian platform, conditions sur-
rounding formation of Jurassic fresh-water continental
deposits, form of distribution and concentration of
carboniferous material in these deposits, and condi-
tions under which vegetable matter was accumulated.

69160

VASIL'YEV, S. P.

Dissertation: "Requirements of Mining Technology for the Prospecting of the Moscow Basin
Mine Fields and Means of Solving Them." Geol Tech Sci, Moscow Mining Inst 1 and I. V.
Stalin, 6 May 54. (Vechernyaya Moskva, Moscow, 2nd Apr 54)

SO: SUM 243, 19 Oct 1954

VASIL'YEV, Sergey Petrovich; MATVEYEV, A.K., redaktor; PROZOROVSKAYA, V.L.,
tekhnicheskii redaktor

[Mine geology of coal deposits] Shakhtnaia geologiya ugol'nykh
mestorozhdenii. Moskva, Ugletekhizdat, 1955. 210 p.
(Coal geology) (MIRA 9:3)

VASIL'YEV, S.P.

Some additional research in prospecting for coal deposits. Razved. i
okh.nedr 22 no.4:29-31 Ap '56. (MLRA 9:8)

1. Moskovskiy gornyy institut imeni Stalina.
(Coal geology)

VASIL'YEV, S.P.

Meeting of the technical committee ISO/TC 74 "Hydraulic binders."
Standartizatsiia 27 no.1:63 Ja '63. (MIRA 17:4)

PARSHIN, V.G.; VASIL'YEV, S.P.; VOLOSHCHUK, V.U.

New developments in research. Stal' 25 no.10:965 0 '65.
(MIRA 18:11)

VASIL'YEV, S.P.; ZNAMENSKIY, V.L., red.izd-va; SHMAKOVA, T.M., tekhn.
red.

[Practical manual on the organization and guidance of
geological study groups] Prakticheskoe posobie po organizatsii
i rukovodstvu geologicheskimi kruzhkami. Moskva, Gosgeol-
tekhizdat, 1963. 31 p. (MIRA 164)
(Geology--Study and teaching)

VASIL'YEV, S.P.

Automatic section of a line for machining piston pins. Biul.
tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.1 tekh.inform.
no.2:34-35 '63. (MIRA 16:2)

(Machinery, Automatic)

VASIL'YEV, S.P.

Determining the strength of heavy concrete. Standartizatsia
27 no.3:53-55 Mr '63. (MIRA 16:4)
(Concrete--Testing)

VASIL'YEV, S.P., inzh.

New standard for factory-made concrete mixtures. Bet. 1 zhel.bet.
no.9:432 S '61. (MIRA 14:10)
(Concrete--Standards)

VASIL'YEV, S.P.

Cements. Standartizatsiia 26 no.1:59-60 Ja '62. (MIRA 15:1)
(Cement--Standards)

VASIL'YEV, S.P.

Standardization of porous inorganic fillers for lightweight
concrete. Standartizatsiia 25 no.9:30-32 S '61. (MIRA 14:9)
(**Lightweight concrete**)
(Porous materials—Standards)

TROYANSKIY, Sergey Vasil'yevich, prof.; VASIL'YEV, Sergey Petrovich, dots.;
BOGACHEVA, Yevgeniya Nikolayevna; PERFIL'YEVA, Zoya Georgiyevna,
inzh.; GUSEL'NIKOV, I.I., dots., otv. red.; SLOVOROSOV, A.Kh.,
red. izd-va; BOLDYREVA, Z.A., tekhn. red.

[Geology and prospecting of coal deposits and fundamentals of
general geology and hydrogeology] Geologiya i razvedka ugol'-
nykh mestorozhdenii s osnovami obshchei geologii i gidrogeologii.
By S.V.Troianskii i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry
po gornomu delu, 1961. 319 p. (MIRA 14:11)

(Mine surveying)

(Coal—Geology)

VASIL'YEV, S.P., dotsent, kand.tekhn.nauk

Role of several natural factors in the manifestation of outbursts
of coal and gas at various levels. Nauch. trudy MGI no.28:77-83
'59. (MIRA 14:3)

(Mining geology)

15(6)

SCV/101-59-1-2/10

AUTHOR: Vasil'yev, S.P.

TITLE: A Project of Nomenclature and Terminology of Cements.

PERIODICAL: Tsement, 1959, Nr 4, p 29 (USSR)

ABSTRACT: The author states that a Postoyannaya komissiya po standartizatsii tsementov (Permanent Commission for Cement Standardization) has been organized and attached to the Gosstroy of the USSR. The commission has accepted the project of a new nomenclature of hydraulic cements. This project corresponds, in general with the project of the cement nomenclature ISO/TK 74, Tekhnicheskii komitet po tsementam Mezhdunarodnoy organizatsii po standartizatsii (Technical Committee for Cement of the International Organization for Standards). The author quotes 8 main groups of cements, each sub-divided into several sub-groups dealing with cements used for various kinds of duties and industrial requirements.

Card 1/1

VASIL'YEV, S.P., dots., kand.tekhn.nauk

Residual stresses in rocks and their role in coal and gas outbursts.
Nauch.dokl.vys.shkoly; gor.delo. no.4:71-74 ' 58. (MIRA 12:1)

1. Predstavleno kafedroy geologii Moskovskogo gornogo instituta imeni
I.V. Stalina.

(Subsidence (Earth movements)) (Mine gases)

VASIL'YEV, S.P.

AUTHOR: Vasil'yev, S.P., Engineer

28-58-2-22/41

TITLE: Sand for Construction (Pesok dlya stroitel'stva)

PERIODICAL: Standartizatsiya, 1958, Nr 2, p 49 (USSR)

ABSTRACT: Gosstroy SSSR has approved a new standard for construction sand ("GOST 8736-58") and a new standard for methods of testing such sand ("GOST 8735-58"). The article contains information on details of the new standards, the first of which concerns the granulation, content of clay, mud and dust in the sand for various applications (concrete, roads, railway dams, etc.). The "GOST" for sand excludes the use of improperly granulated sand in construction and provides a rational utilization of various sand desposits. There is 1 table.

ASSOCIATION: Gosstroy SSSR.

AVAILABLE: Library of Congress

Card 1/1 1. Sand-Standards 2. Sand-Test methods-Standards
 3. Standardization-USSR

VASIL'YEV, S.P.

28-4-19/35

AUTHOR: Vasil'yev, S.P., Engineer
 TITLE: Construction Plaster (Stroitel'nyy gips)
 PERIODICAL: Standartizatsiya, 1957, # 4, p 60 (USSR)

ABSTRACT: A new standard for construction plaster - GOCT125-57 - has been approved by Gosstroy SSSR and will replace GOCT 125-41 on 1 July 1958. The article contains information on the new standard in comparison with the old. First grade plaster is to be made of material which leaves a 15% residue in a sieve of 918 meshes per cm^2 , while the residue from 2nd grade is to be not over 25% (instead of former 25% and 35% respectively). The compression strength after 1.5 hours is 55 kg/cm^2 for the 1st grade and 40 kg/cm^2 for the 2nd grade. The value of the tensile strength during rising is 9 kg/cm^2 for the 1st grade and 7 kg/cm^2 for the 2nd grade. The duration of specimen tests has been cut to 1.5 hours (formerly it was 24 hours). Evaluation of plaster dough density can be done with the Vick ("pribor Vika") device as well as with the new "AKB - 3" device. This latter device is an automatic capillar viscosimeter showing quickly the proportions of plaster and water in dough. The crystallization time is to be evaluated by the phenomenon of exo-

Card 1/2

28-4-19/35

Construction Plaster

thermal reaction in the process of plaster solidification,
with the use of a common thermometer.

ASSOCIATION: Gosstroy SSSR

AVAILABLE: Library of Congress

Card 2/2